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PEASE GRAIN AND SEED CO.

—Dealers in—

FIELD SEEDS, GARDEN SEEDS, FEED, COAL AND GRAIN Beatrice, Nebraska February, 1921 Phone 105

INTERESTING INFORMATION PERTAINING TO SEEDS, SEEDING AND CROPS

WHITE BLOSSOM SWEET CLOVER

WHITE DLUOSOUM SWEET CLUVER.
White Blossom Sweet Clorer has always heea with us, but its varied merits have not been realized until recently. It originally was cultivated to supply the honey bee with an abundance of blossous rich in boney making material. Next II was sourn on lamil too poor to grow anything but weeds and on sloping banks to prevent washing and gullying. In connection with this cultivation of sweet clover, it was discovered that it not only compilated the purisant literated, but much the way had vectorities and tion with this cullivation of sweet clover, it was discovered that it not only accomplished the purjose intended, byt made the pour land productive and that Hve stock thrived better when pastared on sweet clover than on cultured and with grasses. Also limt one aree of sweet clover pasture ivould support as much live stock as three acres of other pasture.

As a soil restorer, there are very few crops that surpass white blossom sweet clover and for the innoculotion of soil for alfalfa, no crop can be sawn prior to the seculing of wildfull hat equals lit.

Sow on well prepared seed bed lu spring or full or on snow in Peterser.

Amount to sow per arre of finited seed, 12 to 18 lbs.

Per lb., 10 lbs. or less, \$.20 Per bu. of 60 lbs., \$11.00

MEDIUM RED CLOVER

MEDIUM RED CLOVER
A whole book could be virillen about medium red clorer and probably att a could not be told then. It will make to crops of excilent hay per year and my animal can can dover hay without fujury und grou fat, it will grou on my soil and greatly careful it and my program of crop rotation should leclude the planting and ploving under of u crop of clover.

For the past two or three years the cultivation of medium red clover has here observed the reduction of medium red clover has here observed the cultivation of medium red clover has here observed the measure of the unreasonably high prive of the seed, but normal cumilitions are returning and utilifithem. In spring or full or on light snow in pelaracy.

Amount per arre 7 to 0 pounds.

Amount per arre 7 to 0 pounds.

Per lb., 10 lbs. or less \$.25 Per bu. of 60 lbs.......14.00

MAMMOTH RED CLOVER

MAMMOTH RED CLOVER
The distinctive features between mammoth red clover and medium red clorer and medium red clorer are very slight.
Mammoth is more hardy, of coarser and more invariant growth, lodges more readily and probably its stronger in fertilizing qualities. It is from two to three weeks later, usually makes but une crup of huy and also grouts better on light worn out soil.
Munimoth red clorer should be

at soll.

Manimodi red clover should be sourn the same as medium red clover, in the spring or fall on a well prepared seedbed, or on shou

clover, in the spring vell prepared scalbed, or on should be February.

The amount to sur per acro is 8 to 10 pounds, or one gound more per arre than of medium red.

Per lb., 10 lbs. or less \$.30 Per bu. of 60 lbs. 15.S0

ALSIKE CLOVER

ALSIKE CLOVER

Alsike Clover is primarily a cold climate, lour ground rlover.

It seems to have originally rame from a province in Swell a calied "Alsike" heare its name.

In a limited way it does well in Nebruska, when sown on low soil and under confillions it is suffect to, but it does not seem to be utlay two enough to come into general cultivation in our locality.

Where it can be successfully missel, it is a valuable croji, as it produces hearily and its feeling value very closely approaches the teeding value of ulfoffa, it can be sown either in the spring or foli.

Amount to sow pressure 6 to 8 lbs.

Por Ib. 10 lbs or 158.

Per lb., 10 lbs. or less \$.3S Per bu. of 60 lbs. 17.50

WHITE CLOVER

WHITE CLOVER

White or Duich Clover is not be be seriously considered as sumeling to be raised as a straight crop, its greatest value is in caubinution with other grosses in here and pasture universes.

It is adaptive to may soil, spreads rentility and foces not discoulor whiter kills. It is an excellent pasture for all kinds of stock, but caussimally be likely until to turn critical into white clover postures when into the country day in a when were, as mader such conditions its tendency is to cause bloat.

Amount to sow per arre for streight cump is 5 to 6 lbs.

Per Ih. 10 lbs. or less \$.80

Per lb., 10 lbs. or less \$.80

TIMOTHY

TIMOTHY

Timothy is of parliculus interest in the daily harmer and stockman, it is adapted to a vibber range of conditions than other gassess and is best railful to rich loanny solts having a limited new to retain moletate. When some alone, the proper amount of sevel is §2 to 15 pounds per arres. A halanced combination for membur is 3 pounds of rull top, 2 pounds medium red riover and 8 pounds in thinothy. When some pounds in the pounds in the pounds in the pounds in the pounds of the pounds in the pounds in the pounds of the pounds in the pounds of the po

Per lb., 10 lbs. or less \$.12 Per bu. of 4S lbs. 4.S0

KENTUCKY BLUE GRASS

KENTUCKY BLUE GRASS

Kentucky lino Grass is often
spoken if as "Nature's Ourn Grass."

It is the first grass to decrebe
growth in the spring and formstan
the outline pasture of the contribution of the pasture of the contribution of the contributi

It will minut itself to almost any hund, but thes best on well drained hund with a clayey tendency.

Per. lb., 10 lbs., or less \$.4S Per bu. of 14 lbs..... 5.00

CANADIAN BLUE GRASS

CAIVADIAN BLUE GRASS
Chimilian Blun Grass Is somewhat
similar in Kentucky blue grass, but
not as brundant in grouth. On poorer hand it will do belter dana Kentucky blue grass. It is a more hardy
plant and makes in tongleer, stronger
sord—produbly no sod withishands
laired usages blue the Camulian blue
grass sod.
It miduals diself to all collections.

gruss soil.
It milapts itself to nil soils and eli-mates and is particularly salied to pagatures far dairy use. It also is a desirable grass to combine with other grasses in lawn and pasture grass mikitures.

The muoun to 25 pounds nound to sow per nero Is 20

Per lb., 10 lbs. or less \$.40 Per bu, of 14 lbs...... 4.00

ENGLISH BLUE GRASS OR MEADOW FESCUE

MEADOW FESCUE

Finglish Blue Griess is regarded as one of the most reduable grasses for huy or pasture. Beaudiding green all values and resisting fronth all sammer makes it a long fixed pasture. It is adopted in all soils, except samily ones, and will make a good pasture in a crop of huy the first year. It is a grass that sloes not reach its hest growth and it after the or three years. English Blue Grass, when sawn in combination with timothy are red top produces a better hay crop than when some as a studght even in combination with timothy are red top produces a better hay crop than when some as a studght even in combination with orthard goals. For criticity temps we illow the produces a better pasture if sows in to 13 lbs, per area.

Per lb., 10 lbs. or less \$.35 Per bu. of 60 lbs. 42.00 Per bu. of 24 lbs....... 7.00

ALFALFA

ALFALFA
We are all so fabilitar with the advantages of alfalfa and the Important features Incident to radsing it that about all that is of Interest to the farmer is to know the price of the seed.

In preparing cauntry run alfalfa seed tree circum and paparate it into three grants—family, choice and prime. Three usually is very little difference in the percentage of germination between the fancy and rindre grants. Both are presented by ground in the present of chiral and the prime in the present of the prime in sulfacturery stand. The prime is sulfacturery stand. The first prime is sulfacturery in party than either the famy or tholes and from lea to fifteen per cent larger in gentlem, in sanding prime seed about they to three more pounds per acceptontal be sown than of fancy or choice.

Per bu of 60 lbs fancy \$13.S0 Per bu of 60 lbs choice 12.50 Per bu. of 60 lbs. prime 9.S0

FETERITA

FETERITA

Veteritu is the greatest drouth resister of any of the forage crops. It belongs to the same class as Kuffer and Milo, but it makes its growth in from 15 to 30 days less time. Its feeding value is equal to kaffer and ky ununy considered superior, it ran be sorred later and mature a grop with less modstare than any forage crop.

If krondensted son '75 pounds per agree, if defilled like roru use 5 to 10

If drilled like rorn use 5 to 10

Per bu, of S0 lbs. \$1.50

CANE OR SORGHUM

Nothing will raise more tons per ro of rough forage then cane—3 5 tons per acre being the aver-r and 6 to 8 tons per occe not un-

common. It can be planted may time be-tremen early May and late June, and matures a crop or furnishers two or three cuttings of tender stalks that cure into a feed almost equal to hay, it is generally agreed that cane produces the best forage urien brandcasted or idilled, using about two bushels of seed per acre. For a seril or molasses rrop use 3 to 5 pounds of seril per acre, planting in rows.

The black amber carlety makes the fluor more tender growth. The red orange is richer in sugar. Price per bushed of 50 lbs.

Black Amber\$1.00 Red Orange 1.2S

MILLET

MILLET

One of the most desirable things about millet is that it can be sourn as late us the mibilly of July and miture a reop. for some localities farmers make a practice of millet for millet and wheat subble, after burrest.

The millet best suited to this locality is the Liberty or German. The Sibrerian or cel millet is the earlies of all millets and produces a larger scal crop than the Liberty, but it dues not produce such an abundant lany reop.

Amount to sour per arre 30 to 50 pnumbs.

Per bu. of S0 lbs.\$1.2S

RYE GRASSES

The most unfortunate filing about type grasses is that in uniny localities they have not been sufficiently tried out to be appreciated. Many seed houses do not stock any variety of ryo grass seed. We carry through varieties in stock, having customers into uniformly favor us with thrivannual orders.

annual orders.

The two generally known varieties of rye grass and the varieties are landle are the English or Perental rye and the Italian rye.

There are three outstanding characteristics of rye grass:
First—Its hobil of starting endy in the spring and routinuing a luvuriant growth late the fall.

Second—Its exceptionally high feeding value.

Titled—Its ability to withstand close cropping and the hoofs of stock. The Italian rye is of a more feurler leafy growth than the English rye. The English rye is possibly more hardy. Both are quite unlaptive to different solls, but theire best on rich moist land.

Amount to sour per acre, 25 to 30 pounds.

Park by of 24 lbs. atther warracty. CA SR

Per bu. of 24 lbs., either variety, \$4.50 Per lb., 10 lbs. or less, either variety, \$.25

BROME

Bronne Grass is the pery best grass for either hay or justine and for dry sulls until nell verticos. Du account if this, one must not think that it will not do orell on soil with pleaty of molistime. The Expectaneal Station at Goiden City, Rains, say "We think Bronne the rouning grass for the arch regions of the news."

It rithshamls the severest dvoulds and no manual of cold will kill 4). Water run shand on it for lung per-lods without injury.

It usually is some in the spring, but their will sown in the fall with winter wheat

Amount to sow per acre 25 to 30

Per lb., 10 lbs. or less \$.3S Per bu. of 14 lbs...... 4.00

COW PEAS

A great draft has been published about row pens, but fram the amount of run puss we sell and alber dealers by this territory, it is a recasanable rourinstan fluid they burne never been extensively tried out in Nebraska.

When entert extensively their merit as a foilier plant and for re-chaining and feetilizing old worn-mit limit is entinglastically recog-nized.

when the crop is allowed to un-ture the ground peas are an excel-lent cattle and sheep fatheuer. For uniture repo saw in May and for fer-illizer sow offer wheat barvest and plow under in the fall. The Whip-poorwill is the most popular variety and best salled to Nebraska soft and stimute.

Amount to saw per acre 15 to 30 lbs, Per lb. any amount \$.121/2

PASTURE MIXTURES

It and lumdred farmers were to some my mivertised commercial pusture mixture on one hundred illiferent farmers the results they would obtain would be all the ray from nothing to a send-astisfactary result. This reason for this is that no uniform partner grass nature is suffered as the consider each pushing some nature of the continuous partners.

This condition makes it necessary to consider each pushing some proposition separately and to decide what combination of grasses and preventage of each, will be best suffered in the particular piece of pasture you contemplate surving. We make many sales of seed mixtures for pasture surfner, but to not recommend my uniform formula. Our pulce far these nativares is two events per pound above the per pound piece of the different seeds comparing the univaries.

This system is the only practical ways to hundre the matter sowing ways to hundre the matter sowing some passes and the comparing the univaries. PASTURE MIXTURES

This system is the only practical way to hundle the pasture sowing problem, for it is buil business for the furner in lary connecretal, ad-vertised pasture infatures.

ORCHARD GRASS

Orrhand Grass Is a very quick grouver, starting early in the spring and continuing well line the ultile. It will stand very close enting or grazing unit recover from some much quicker than other grassian

It will stand very close cutting or grazing and recover from same much quicker than other grasses. Orchard Grass success nelt on nearly all soils, but these best on uplands, homey or moderately stiff sulls. It also shows particularly sulls. It also shows particularly surl in shanded pinces they cores or orthards. Orchard Grass may be successful then soom atth medium red gringer, When sown along, run 20 to 25 flus to the neces. With

surcess the trace, when sown alone, run 20 to 25 lbs. to the acre. With clurer sore 15 to 20 lbs. of orchard grass in 2 to 4 lbs. of clurer.

Per lb., 10 lbs. or less \$.2S Per bu. of 14 lbs 3.00

DWARF RAPE

DWARF RAPE

An aver of durant space will produce from 0 to 12 cons of green freel, pushine 10 to 12 cons of green freel, pushine 10 to 20 hops for two months, 10 to 15 slavep for ski, necks and also unders on overlead green, pushine for taille. Stock should in all thines have access to plenty of salt, when pastured on tape.

Itage may be some any time from rurly spring to early fall. It is really far pushiner about sky riveks after southge, for continuous hog partinging it should be sairn in varily spring and middlithand pieces sourced at succession interpulse during entire southers.

senson.

In addition to its radge for feeding purposes, it is a good crup to piour unifer for green fertilizer.

Amount to son per arre 4 to 6 lbs.

Per lb., any amount\$.20

KAFFIR CORN AND MILO MAIZE

MAIZE

Kaffir Porn uni Milo Malze both nake excellent follors and are particularly, aluable for slage.

In sersons so dry that field corn will nat mature a crop, both will come through with abuses a normal crop—the Milo pussibly withstanding throath hetter than Raffir.

For follier and slage purposes Kaffir scenus to hare more friends, but as a grain producer Milo Maize outclasses Kaffir Corn as kuth the grains and heads are much larger. The grain from Milo is especially relumble for fortifs at it is a convenient sleed grain for feeding and secus to be just the elgat quality.

Fur fuditer purposes son about 75 pounds per urre and for grain rup about 5 to 10 lbs.

Frice per bushrl of 50 lbs.

Kaffir Corn \$1.25.

Kaffir Corn \$1.2S Milo Maize 1.25

RED TOP

RED TOP

Red Tup util grow on soils too poor for timothy or Kentucky blue grass. It will also grow on thill rities ur lond liable 10 wash. A moist soil is must deskulide although est top is very aniapity.

On good soil II grows about two fret high. It is more permanant if grazed uff and not allowed to go to seed. It also should be fed close as cuttle do not like it after it has gune to seed. When established, it has a traidency to spread nod crowd out offer gresses, musting a strong tongth soil if Interfacing roots.

Sow from 201 to 25 pounds per once either in the spring or fall, it can be sown to infurning with other grasses in vidth in grada crop.

Per Ib., 10 lbs. or less \$ 2.8.

Per lb., 10 lbs. or less \$.2S Per bu. of 14 lbs. 3.00

SUDAN GRASS

SUDAN GRASS

Sudan Grass is the "Intest haby" of the forage family. Apparently It is native to parts of Mrica, as there is the only place II seems to grow naturally. It was introduced into the United States, through our experiment stations, in 1607.

It makes a toll, leafy growth, is a great drouth resister with everytionally light feed value, it is nhout the only one of the course forage plants that can be pastured.

Sudan Grass matures a crup more like hay than any of the other fodders, it produces lots of seed, but the seed is of little volue for freeling nurposes. It will grow on the thinnest soil and makes good in a day scoson. It is claimed that an acro of Sudan Grass will produce sufficient feed to keep a team and one eava year.

The hest way to plant it is to dell it fit rows narrow corn whillis and cell leare like corn. This takes 3 to 5 pounds of seed per acre. Many people in order to save work of ruitivaling, son it broadcast or drill it with a wheat drill, using about 20 pounds of seed per acre. Sudan Grass will moke from be pastured until frost thae.

Per th. any amount 10c

Per lh. any amount, 10c

Grandseeden,
Boat ice nebr.